



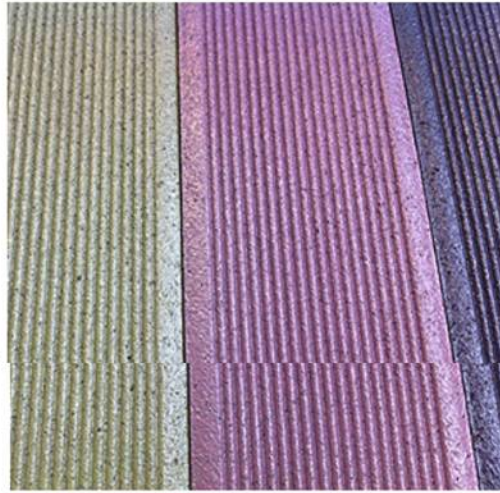
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Wood Replacement Products Using NanoParticle Reduction Technology
September 2011

Dena has developed an 'End of Life' Tyre Recycling Technology, which creates a Wood Replacement Product while using zero emissions and zero waste; this technology is currently operating with one of our partners in Thailand (Dena Technology Thailand Co., Ltd - www.dena.co.th).

Dena Technology uses Nanoparticles of rubber to produce a new Wood Replacement Product using crumb rubber, which has an almost endless range of final products all of which are infinitely recyclable using the same processes that created them in the first place.

However the hardness of the product can be varied from hard to flexible, even porous as is demonstrated by the flexible & porous irrigation hose.



The end product can be used to produce over 120 different Wood Replacement Products including outdoor flooring/decking, roofing tiles, constructions sheets & outdoor furniture etc.

The benefits of this product include:

- Significantly increased profit margins with the Wood Replacement Products
- Resistant to salts of all types
- Ultra Violet resistant
- Easy to clean
- Designed to be reused hundreds of times
- Totally safe to use
- Water resistant
- Chemical resistant
- All products produced are Impact proof
- The qualities / characteristics of the product can be easily altered to create alternative uses
- Ideal for weather insulation (Heat & Sun radiation) and Sound insulation

Dr Brian Sulaiman (Chairman) says that compared to the currently available Wood Replacement Products (usually from PE) there are not only cost benefits but higher margins available to the producer of such products. The fabric can be used for Thermal and Acoustic Insulation using the Dena process; plus the steel extracted from the tyres can be balled and scrapped for cash.

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